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21 Feb

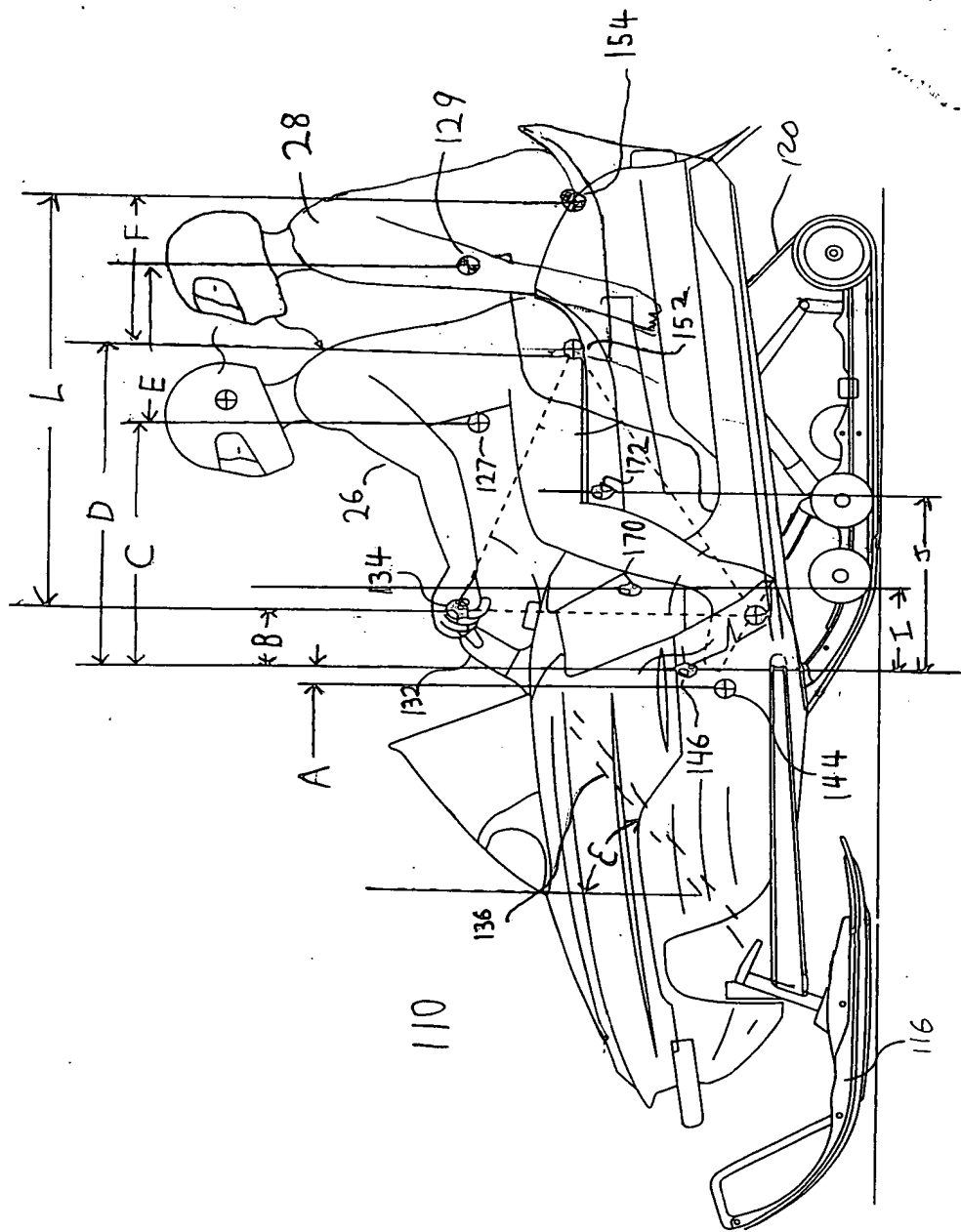
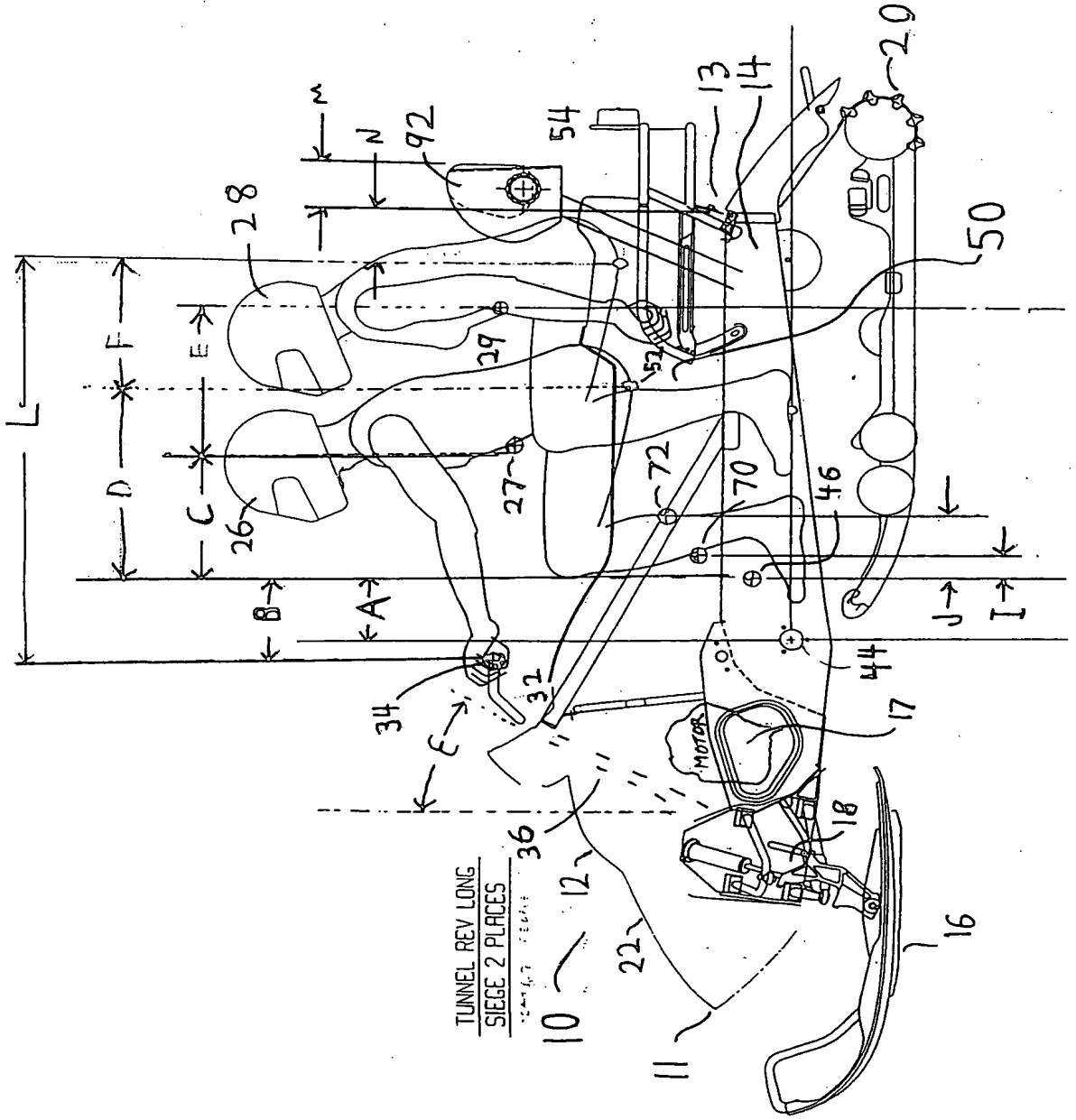


FIG. 1 PRIOR ART

FIG 2



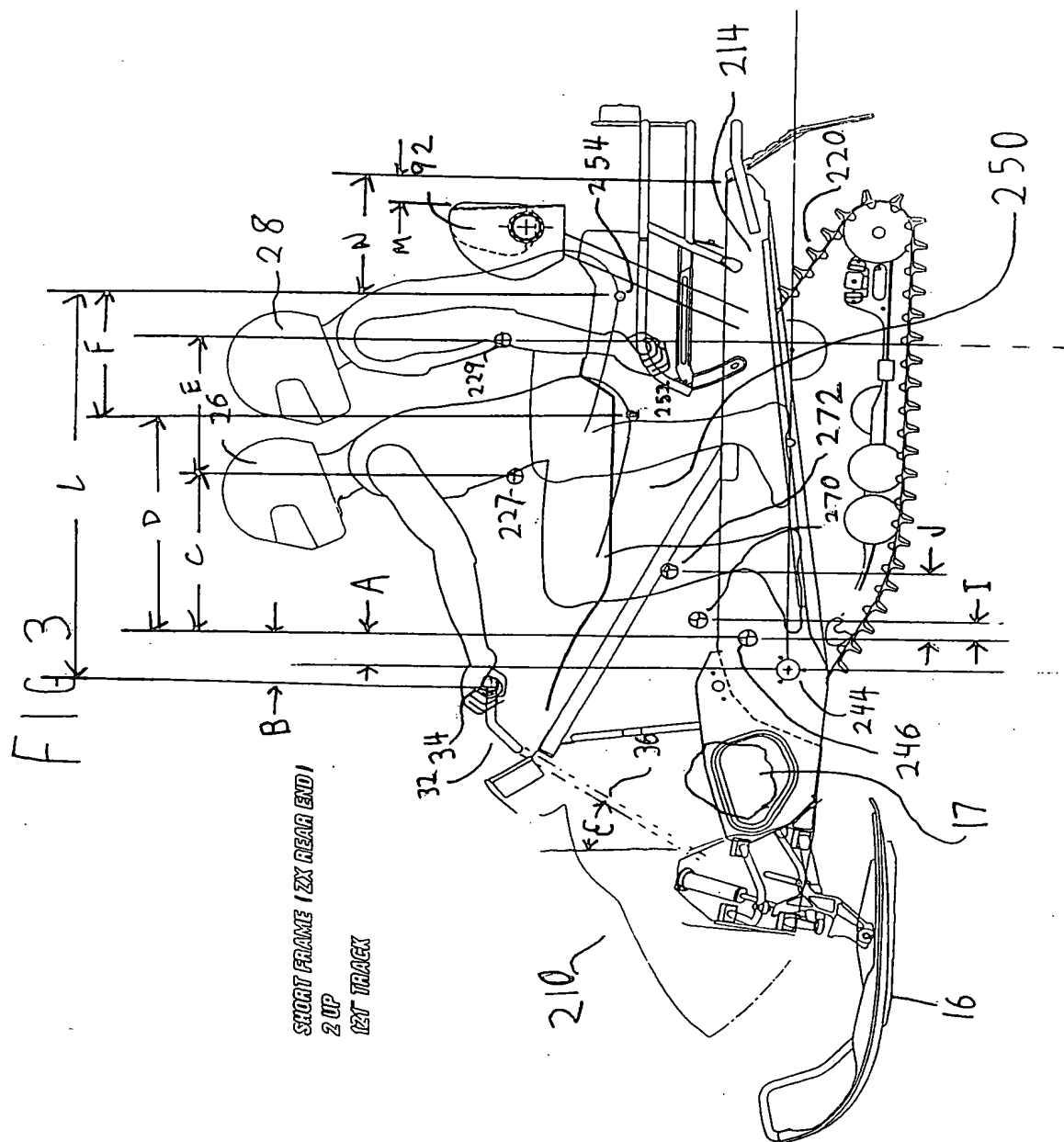


FIG. 5 is a side view of the vehicle 10 showing the longitudinal frame 12 and the track 14. The vehicle 10 is shown in a side view, with the longitudinal frame 12 and the track 14 clearly visible. The frame 12 is a long, narrow structure that runs the length of the vehicle. The track 14 is a continuous loop that surrounds the frame 12. Various components of the vehicle are labeled with reference numerals, including the front end 17, the rear end 18, and the side rails 19. The track 14 is shown as a series of interconnected links, with the front end 17 and rear end 18 being the points where the track is connected to the frame 12. The side rails 19 are the vertical structures that support the track 14. The vehicle 10 is shown in a side view, with the longitudinal frame 12 and the track 14 clearly visible. The frame 12 is a long, narrow structure that runs the length of the vehicle. The track 14 is a continuous loop that surrounds the frame 12. Various components of the vehicle are labeled with reference numerals, including the front end 17, the rear end 18, and the side rails 19. The track 14 is shown as a series of interconnected links, with the front end 17 and rear end 18 being the points where the track is connected to the frame 12. The side rails 19 are the vertical structures that support the track 14.

FIG 5

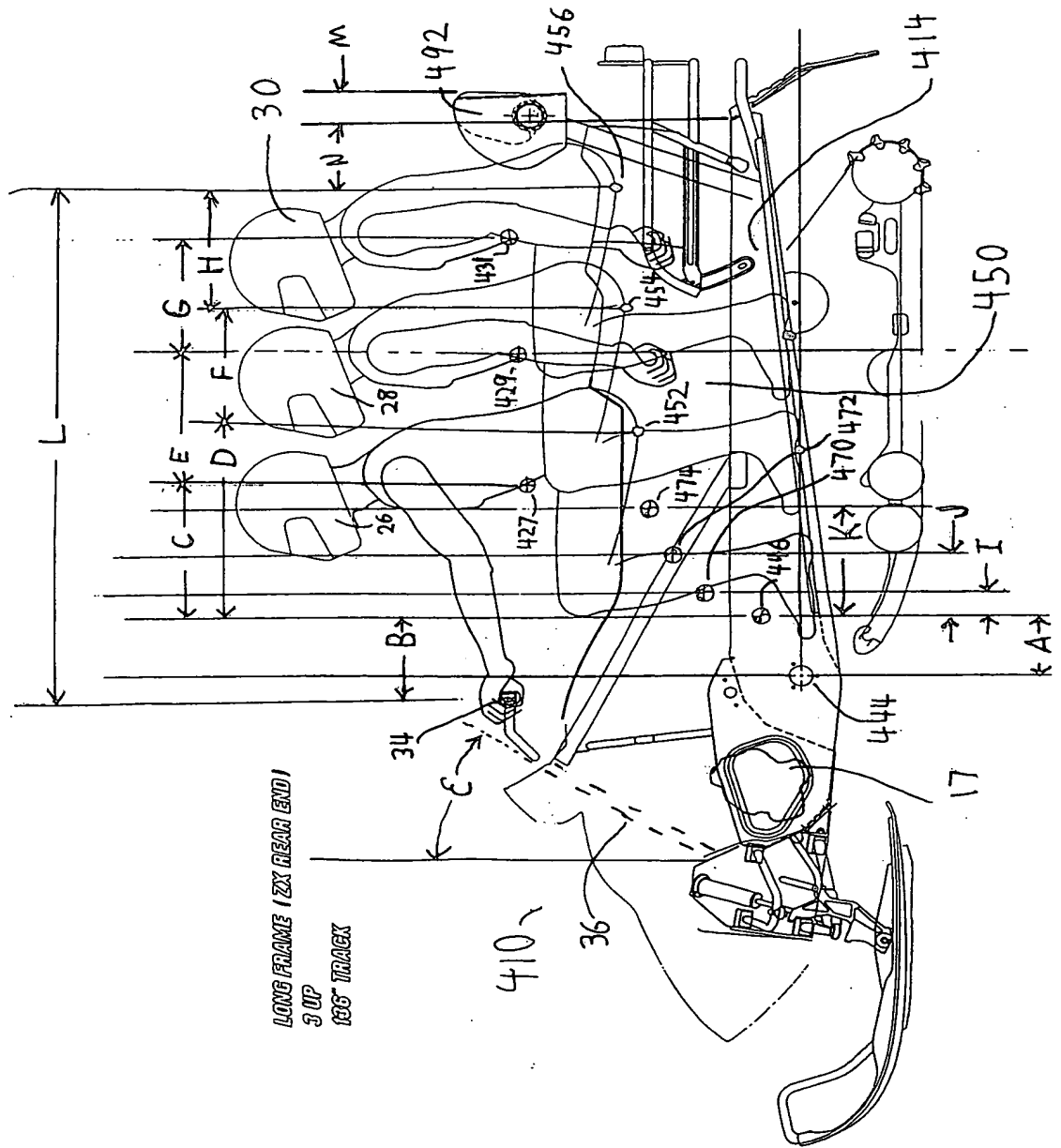
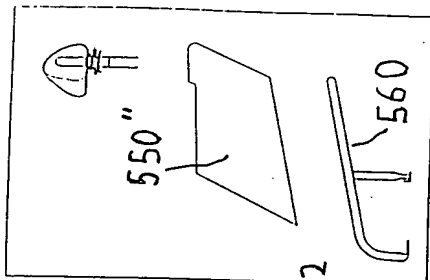


FIG. 6B



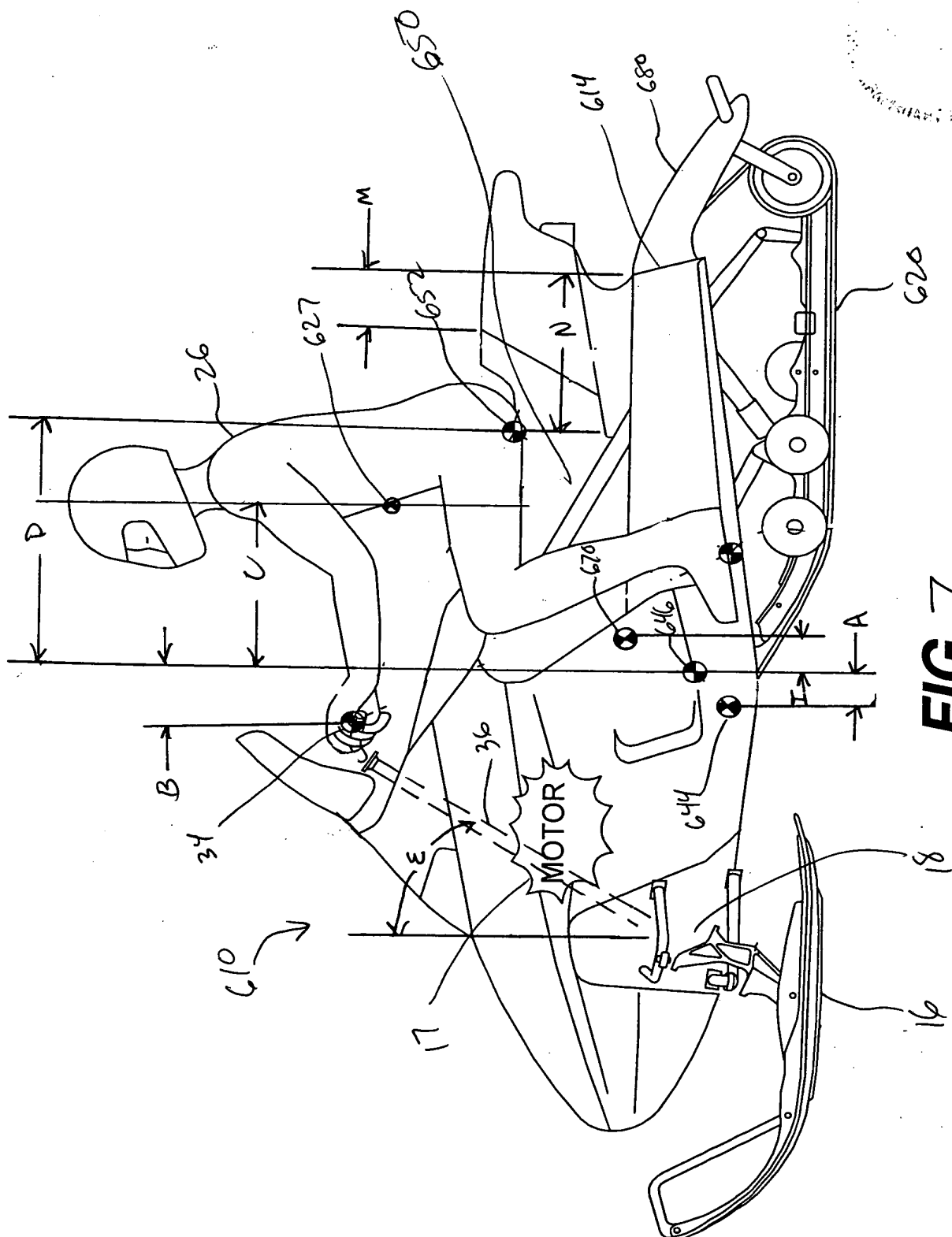


FIG. 7

Distance (mm)		VEHICLE INVENTION							
		Conventional		1st Embodiment 2-up Long (FIG. 2)	2nd Embodiment 2-up Short (FIG. 3)	3rd Embodiment 1+1 Short (FIG. 4A)	4th Embodiment 3-up Long (FIG. 5)	5th Embodiment 2+1 Long (FIG. 6A)	6th Embodiment 1-Up (FIG. 7)
ref.#	to (going back):	Long	Short						
A	forward axle	110	30	65	95	95	170	170	95
B	steering pos.	-160	-240	130	160	160	235	235	160
C	CG(vehicle)	645	725	350	320	320	245	245	320
D	CG(vehicle) seat pos (1)	795	875	500	470	470	395	395	470
E	CG (rider 1)	370	370	370	370	370	370	370	N/A
F	seat pos(1)	340	340	340	340	340	340	290	N/A
G	CG(rider 2)	N/A	N/A	N/A	N/A	N/A	310	345	N/A
H	seat pos(2)	N/A	N/A	N/A	N/A	N/A	310	345	N/A
I	CG(vehicle)	180	160	70	50	50	60	70	50
J	CG(vehicle)	290	280	175	190	190	170	170	N/A
K	CG(vehicle)	N/A	N/A	N/A	N/A	N/A	300	300	N/A
L	steer pos.	975	975	970	970	970	1280	1265	N/A
M	back of frame	-50	0	100	-100	230	60	290	-110
N	back of frame rear seat pos.	-290	-120	-130	-340	80	-200	60	-260
Angles (degrees)									
epsion vert. and steering shaft		>=45	>=45	ALL < 45, preferably 25-40, more preferably 30-35, most preferably 33					

FIGURE 8

Fig. 9

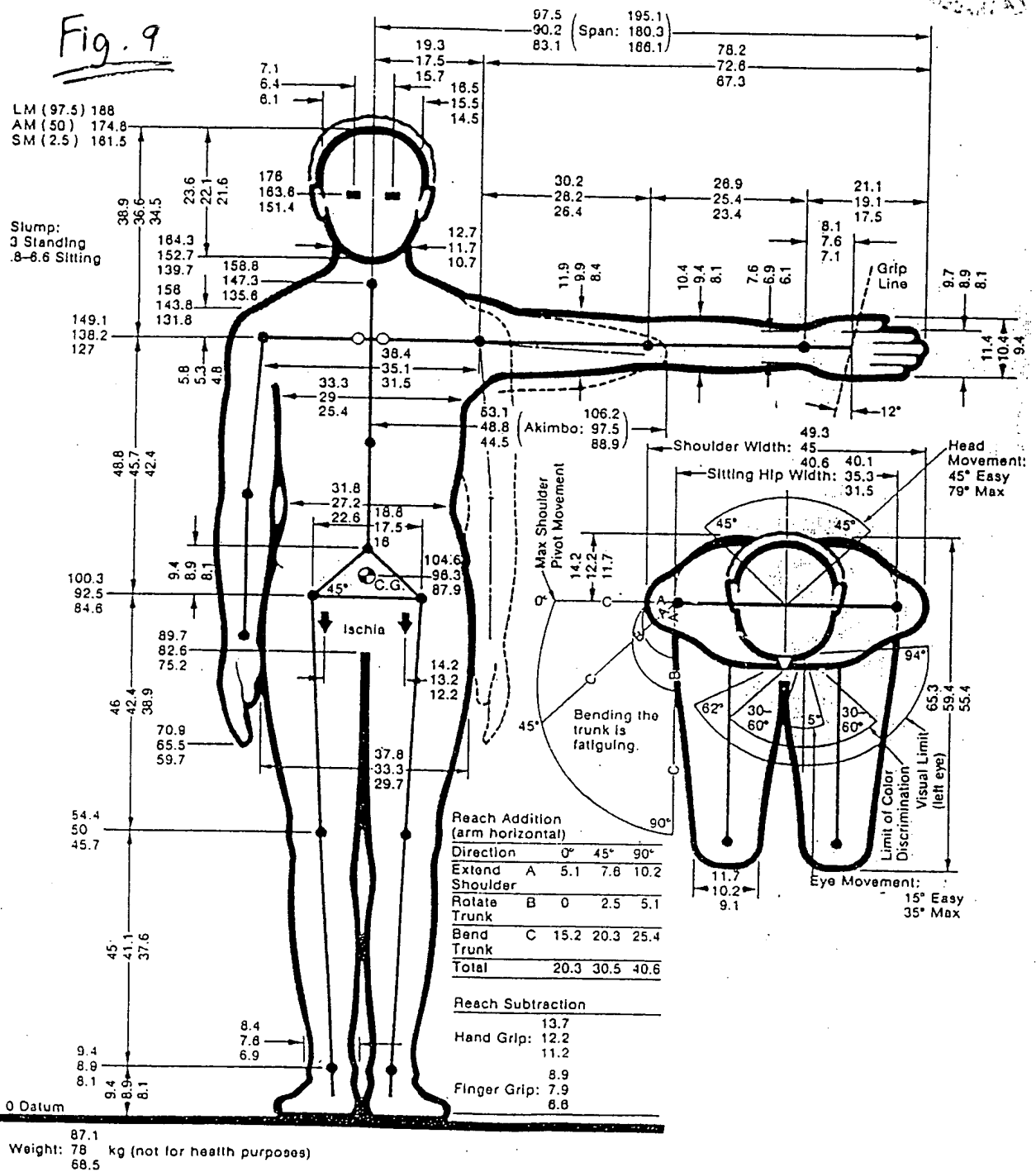


FIG. 10

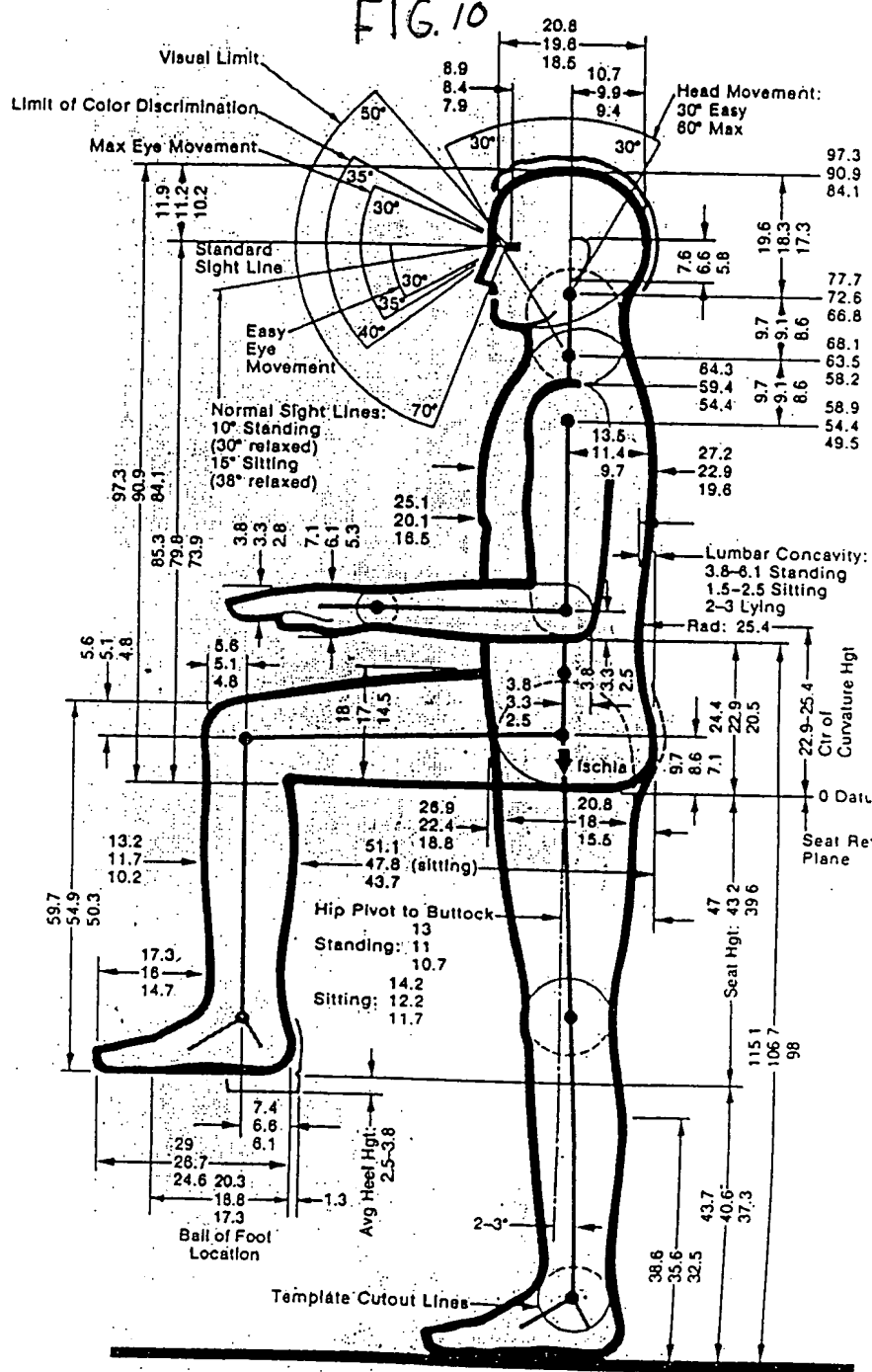


FIG. 11 A

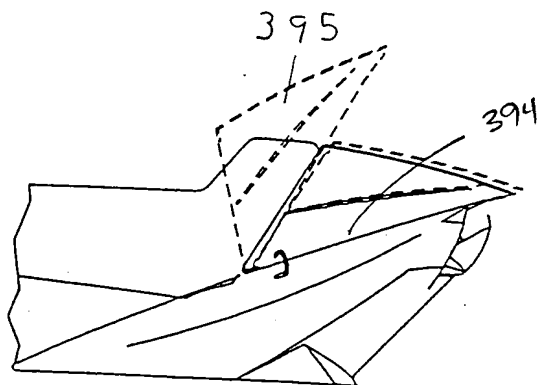


FIG. 11 B

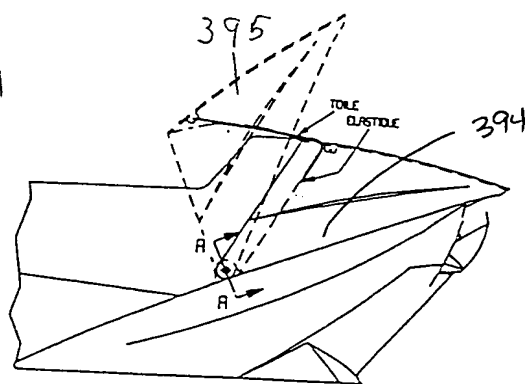


FIG. 11 C

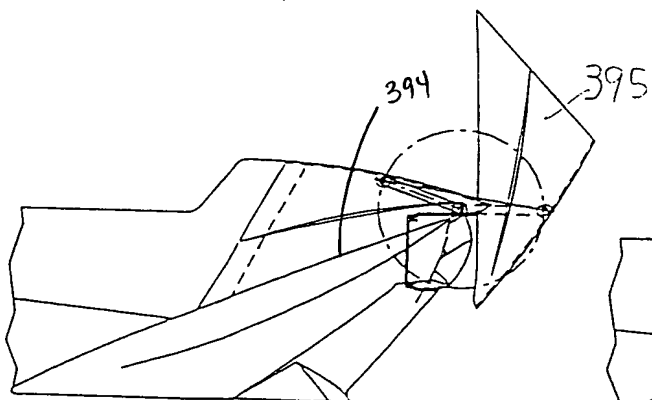


FIG. 11 D

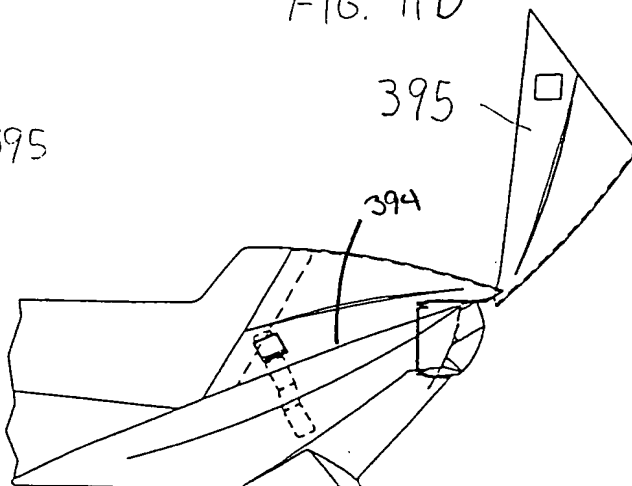


FIG. 12A

FIG. 12A

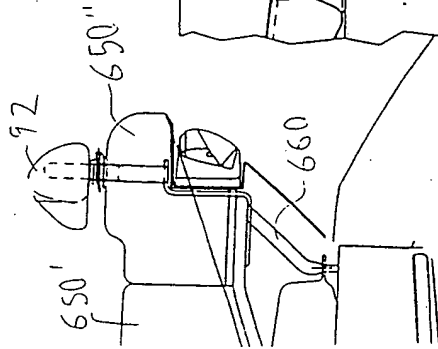


FIG. 12B

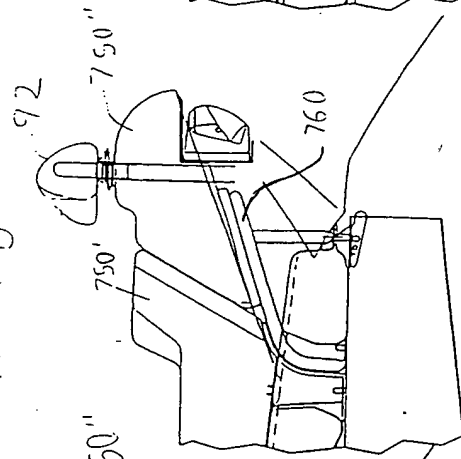


FIG. 12C

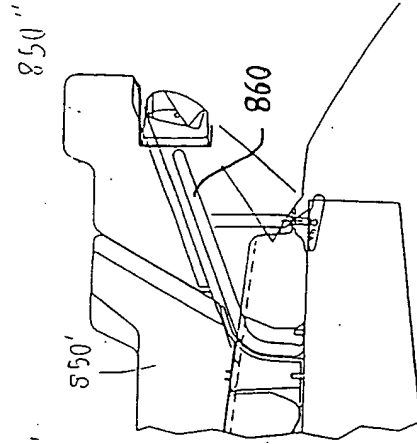


FIG. 12D

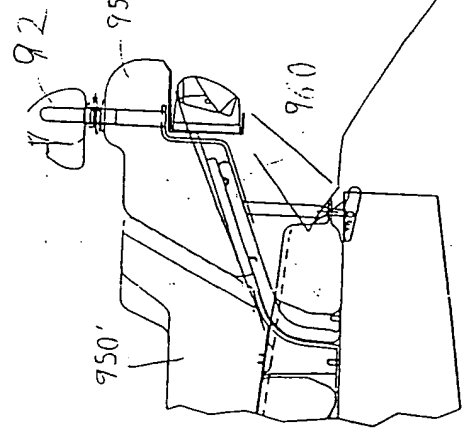


FIG. 12E

